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# Gathering the Needles Evaluating the Impact of Gold Open Access Content with Traditional Subscription Journals

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# Gathering the Needles

Evaluating the Impact of Gold Open Access Content with Traditional Subscription Journals



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Portland State  
University

# What Is This All About?

1. More content from subscription publishers is being published as open access articles
2. Project COUNTER Release 4 created a report entitled: JR1-GOA (gold open access)
3. Cannot easily see what your institution is publishing OA, but what is being used as OA
4. Assess impact on subscription business models
5. Find ways to sustain & enhance move to OA

# Who's Involved?

1. For this study, we looked at five publishers: Elsevier, NPG, Sage, Springer, & Wiley
2. Picked journal packages in common with exception of Wiley
3. All these publishers are engaged in promoting hybrid open access publishing

<b>Publishers</b>	<b>Name of your hybrid OA Program</b>	<b>Year Began</b>	<b># of journals Participating</b>
Elsevier	Elsevier Open Access	2006	1,690 out of 3,696
Nature PG	NPG Open	2007	78 out of 136
Sage Publications	Sage Choice	2006	769 out of 800
Springer B.V.	Springer Open Choice	2004	1,657 out of 2,181
John Wiley & Sons Publishers	Wiley Open Access	2004	743 out of 1,500

# What are the Costs of Hybrid Publishing?

<b>Publisher</b>	<b>Hybrid APC Costs</b>	<b>Intermixed w/Subscriptions</b>
Elsevier	\$500-\$5,000	No, completely separate
Nature PG	\$2,700-\$4,400	Discount given on subs
Sage	\$3,000	Discounts given on subs but not packages
Springer	\$3,000	Say on web site they take OA into consideration
John Wiley & Sons	\$3,000	Discounts given on subs

Journal Report 1 GOA (R4) Number of Successful Gold Open Access Full-Text Article Requests by Month and Journal															
PORTLAND STATE UNIV															
8200420897															
Period covered by Report:															
2014-01-01 to 2014-12-31															
Date run:															
2015-06-10															
Journal	Publisher	Platform	Journal DOI	Proprietary Ident	Print ISSN	Online ISSN	Reporting	Reporting	Reporting	Jan-2014	Feb-2014	Mar-2014	Apr-2014	May-2014	
Total for all journals	Springer	SpringerLink					2221	236	1190	242	211	178	250	263	
Climatic Change	Springer	SpringerLink	10.1007/10584.1573-1480	10584	0165-0009	1573-1480	93	4	59	3	11	5	12	7	
Boundary-Layer Meteorol	Springer	SpringerLink	10.1007/10546.1573-1472	10546	0006-8314	1573-1472	42	0	28	0	2	1	10	5	
Nanoscale Research Letters	Springer	SpringerLink	10.1007/11671.1556-276X	11671	1931-7573	1556-276X	41	1	15	10	6	1	2	7	
Journal of General Internal Medicine	Springer	SpringerLink	10.1007/11606.1525-1497	11606	0884-8734	1525-1497	37	3	15	3	5	3	1	1	
Sex Roles	Springer	SpringerLink	10.1007/11199.1573-2762	11199	0360-0025	1573-2762	35	4	26	2	6	0	3	1	
Journal of Autism and Developmental Disorders	Springer	SpringerLink	10.1007/10803.1573-3432	10803	0162-3257	1573-3432	34	4	22	6	5	4	1	1	
Computational and Mathematical Sciences	Springer	SpringerLink	10.1007/10588.1572-9346	10588	1381-298X	1572-9346	31	0	31	0	0	0	0	0	
Climate Dynamics	Springer	SpringerLink	10.1007/382.1432-0894	382	0930-7575	1432-0894	26	3	13	1	2	1	6	0	
AMBIO	Springer	SpringerLink	10.1007/13280.1654-7209	13280	0044-7447	1654-7209	24	5	9	3	1	0	11	0	
Biological Invasions	Springer	SpringerLink	10.1007/10530.1573-1464	10530	1387-3547	1573-1464	22	1	11	0	0	1	0	0	
Administration and Policy	Springer	SpringerLink	10.1007/10488.1573-3289	10488	0894-587X	1573-3289	19	0	16	3	3	0	1	3	
Biodiversity and Conservation	Springer	SpringerLink	10.1007/10531.1572-9710	10531	0960-3115	1572-9710	19	5	4	4	0	0	0	4	
Psychopharmacology	Springer	SpringerLink	10.1007/213.1432-2072	213	0033-3158	1432-2072	19	6	10	2	4	0	1	0	
The Journal of Primary Prevention	Springer	SpringerLink	10.1007/10935.1573-6547	10935	0278-095X	1573-6547	19	3	8	1	1	0	5	2	
Chinese Science Bulletin	Springer	SpringerLink	10.1007/11434.1861-9541	11434	1001-6538	1861-9541	18	0	11	4	2	1	3	0	
Nano Research	Springer	SpringerLink	10.1007/12274.1998-0000	12274	1998-0124	1998-0000	18	1	10	0	3	2	0	5	
Transportation	Springer	SpringerLink	10.1007/11116.1572-9435	11116	0049-4488	1572-9435	18	1	12	2	1	1	6	2	
AIDS and Behavior	Springer	SpringerLink	10.1007/10461.1573-3254	10461	1090-7165	1573-3254	17	2	10	2	3	2	1	3	
Estuaries and Coasts	Springer	SpringerLink	10.1007/12237.1559-2731	12237	1559-2723	1559-2731	17	5	4	7	0	0	0	2	
Journal of Business and Psychology	Springer	SpringerLink	10.1007/10869.1573-353X	10869	0889-3268	1573-353X	17	6	8	0	0	0	1	4	
Ecosystems	Springer	SpringerLink	10.1007/10021.1435-0629	10021	1432-9840	1435-0629	16	1	8	1	0	0	7	2	
European Journal of Futures Research	Springer	SpringerLink		40309	2195-4194	2195-2248	16	1	6	10	1	0	0	0	
European Journal of Population	Springer	SpringerLink		10680	0168-6577	1572-9885	16	0	16	0	0	0	0	16	
Hydrobiologia	Springer	SpringerLink	10.1007/10750.1573-5117	10750	0018-8158	1573-5117	16	2	8	2	1	3	2	2	
Journal of Urban Health	Springer	SpringerLink	10.1007/11524.1468-2869	11524	1099-3460	1468-2869	16	0	9	0	2	0	2	4	
Oecologia	Springer	SpringerLink	10.1007/442.1432-1939	442	0029-8549	1432-1939	16	6	6	1	1	3	1	0	
Community Mental Health	Springer	SpringerLink	10.1007/10597.1573-2789	10597	0010-3853	1573-2789	15	0	13	0	3	3	0	1	
Gold Bulletin	Springer	SpringerLink	10.1007/13404.2190-7579	13404		2190-7579	15	0	9	2	1	5	0	0	
Space Science Reviews	Springer	SpringerLink	10.1007/11214.1572-9672	11214	0038-6308	1572-9672	15	0	7	4	9	2	0	0	

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# Looking at the Numbers

## **Portland State University downloads in 2014**

**Elsevier Total Usage: 190,658**

**Elsevier GOA Usage: 4,010**

**Nature PG Total Usage: 16,978**

**Nature PG GOA Usage: 1,353**

**Sage Total Usage: 92,730**

**Sage GOA Usage: 279**

**Springer Total Usage: 45,248**

**Springer GOA Usage: 2,221**

**Wiley Total Usage: 90,644**

**Wiley GOA Usage: 1,159**

## **University of Nebraska Medical Center downloads in 2014**

**Elsevier Total Usage: 277,301**

**Elsevier GOA Usage: 7,895**

**Nature PG Total Usage: 65,204**

**Nature PG GOA Usage: 6,537**

**Sage Total Usage: 17,320**

**Sage GOA Usage: 688**

**Springer Total Usage: 22,260**

**Springer GOA Usage: 2,445**



# Top GOA Used Titles

## Portland State University

1. PNAS: National Academy of Sciences
2. Nucleic Acids Research: OUP
3. Scientific Reports: Nature PG
4. Nature: Nature PG
5. Procedia - Social and Behavioral Sciences: Elsevier
6. ProQuest Dissertations and Theses
7. Optics Express: OSA
8. Mountain Research and Development: IMS
9. BioScience: AIBS
10. SAGE Open: SAGE Publications

## University of Nebraska Medical Center

1. PNAS: National Academy of Sciences
2. Scientific Reports: Nature PG
3. Cell Death & Disease: Nature PG
4. Cell Reports: Elsevier
5. Nature: Nature PG
6. Nature Communications: Nature PG
7. BMJ: BMJ Publishing Group
8. Journal of Biological Chemistry: ASBMB
9. British Journal of Cancer: Nature PG
10. SAGE Open: SAGE Publications

# Why Review?

- 1. Setting a baseline for future evaluation
- 1. Promotion/Advocacy of OA
- 1. Utilizing new statistic

# Impact on Subscriptions

- 1. With majority of GOA usage being under 5% effect is negligible
- 1. Could be used in negotiations of package deals
- 1. Understanding the total cost of publication

**Questions?**